Position	Software Developer
Level/Classification	HEW Level 7
Reports to	Manager Productivity and Automation
Unit	Digital and Technology
Directorate	CXO
Positions Supervised	Nil

Position Purpose

The Software Developer plays a key role in the design, development and implementation of high-quality software solutions. This Software Developer will provide technical advice for the operation and ongoing improvement of responsive, user-centric software applications that meet business requirements.

This position will contribute to the design, development and implementation of solutions and involves collaborating with stakeholders, analysing business requirements, and building scalable and user-friendly applications within the Murdoch Technical Landscape.

About Murdoch University

Murdoch University is a young and dynamic university with a foundational commitment to the environment, social justice and inclusion, and making education accessible to more people.
Founded as Western Australia's second university in 1974, today, Murdoch has more than 21,000 students and 1,700 staff across campuses in Perth, Singapore and Dubai. With more than 90,000 Alumni, Murdoch graduates can be found all over the world, making a positive difference.

Our Strategy – Ngala Kwop Biddi. Building a brighter future, together – guides the University's direction and reaffirms our shared purpose to change lives and society for the better through accessible education and research.

The Strategy is focused on three key themes:
- Sustainability: Be a leading university in education, teaching and translational research in sustainability.
- Equity, Diversity, and Inclusion: Build a welcoming, diverse and inclusive community.
- First Nations: Become the University of first choice for First Nations peoples.

Murdoch is also committed to building engagement with our local community, State, nation, and global society with a track-record in creating strong partnerships with business, government and industry.
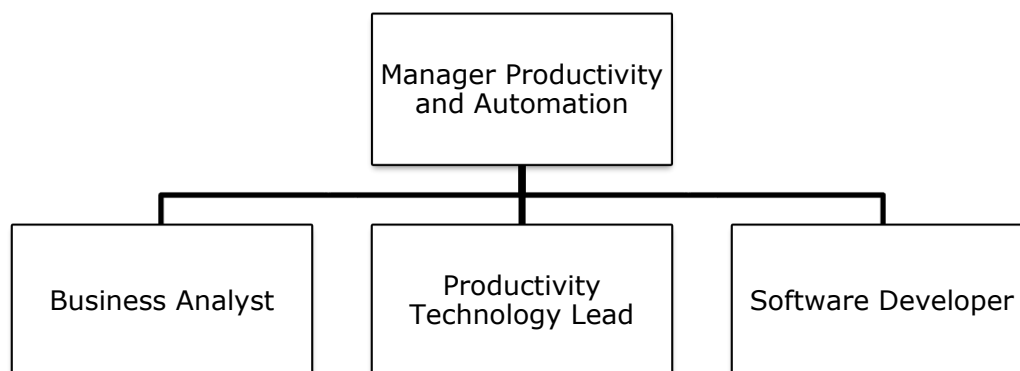
About the Work Area

Digital and Technology (Digitech) is a critical partner in delivering innovative technology leadership and delivery excellence in advancing the University's strategic goals. Our teams provide key services across:

- IT Planning and Governance
- Solutions Delivery
- IT Operations

In support of the University Strategic Plan, Digitech seeks to drive the transformation of a truly innovative digital technology experience in creating a vibrant campus for students, researchers, business, industry, start-ups, health sectors, local and global investors, alumni and the broader community to come together to learn, innovate, and collaborate

Reporting Relationships

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          Manager Productivity
            and Automation
         ┌────────┼────────┐
  Business Analyst   Productivity    Software Developer
                  Technology Lead
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Key Responsibilities/Duties

1. Participate in the design, development, implementation and improvement of responsive, user-centric software applications that meet business requirements.
2. Support improvements to user experience across the Microsoft 365 platform, including UX/UI best practices and embedding accessibility.
3. Maintain appropriate documentation and contribute to the transfer of knowledge by sharing best practices, lessons learned, and expertise with colleagues and stakeholders.
4. Contribute to the identification, development and implementation of continuous improvement initiatives and the adoption of new technologies and methodologies.
5. Support the delivery of an engaging student and staff experience of which excellence in research and quality education are fundamental, aligning to College and University objectives.

6. Support and promote compliance with relevant legislation and University policies and procedures, including equity and health & safety and exhibit good practice in relation to same.
7. Participate on committees and working parties related to the College and University as required.
8. Carry out, and assist with, other duties as required.

Selection Criteria
Essential

1. Postgraduate qualifications and extensive relevant experience, or an equivalent combination of relevant experience and/or education/training.
2. Demonstrated knowledge of data modelling, database design, and data manipulation
3. Experience in gathering requirements, designing, deploying, implementing, testing and supporting IT systems.
4. Experience delivering services in an enterprise environment adhering to IT service management practices (ITIL).
5. Demonstrated ability to problem-solve and apply analytical thinking abilities with trouble-shooting and diagnostic skills to identify and resolve administrative and technical issues.
6. Excellent listening, interpersonal, written, and oral communication skills with demonstrated ability to build effective relationships with key stakeholders.
7. Demonstrated ability to work effectively in a team environment and balance and meet multiple project deadlines.
8. Ability to deliver fully tested applications that meet business requirements.

Desirable

1. Experience in Higher Education or similar industries.
2. Understanding of Software Development Life Cycle (SDLC) and Agile methodologies.
3. Basic programming skills in languages including but not limited to JavaScript, Node JS, C#, React, PHP, Perl, Ruby on Rails or Power Automate expressions.
4. Experience with one or more of the following technologies, Power Apps, Business Process Flows, SharePoint Lists, Dataverse, DataFlows, Power BI, Power Query, Power Automate Flows, Premium and Custom Connectors.
5. Microsoft Power Platform certifications or relevant training is a plus.

Work Requirements

1. The occupant of this position will be required to undertake a criminal record check in accordance with the University's Criminal Record Screening Procedure.
2. Ability to work outside normal office hours when required.

General Obligations

While at work, an employee must:

- take reasonable care for their own health and safety and ensure that their acts or omissions do not adversely affect the health and safety of other persons;
- report incidents, injuries and hazards;
- comply with any reasonable instruction that is given by Murdoch University; and
- comply with Murdoch University policies and procedures.

Guiding Principles and Values/Code of Ethics and Code of Conduct

Our Values

- Authenticity
- Integrity
- Respect
- Inclusivity
- Openness

Our Principles

- Act with justice, respect and responsible care.
- Be collegiate and respectful of other points of view.
- Protect academic freedom.
- Be agile, flexible and resilient.
- Make decisions at the most appropriate level.
- Be transparent in decision-making and with information.
- Adopt common approaches to common tasks.
- Be careful stewards of our resources.

All staff will comply with the University's Code of Ethics and Code of Conduct and demonstrate a commitment to its Equity, Diversity and Safety principles and the general capabilities of personal effectiveness, working collaboratively and demonstrating a focus on results.

All Staff complete a Development Review Annually. A Commencing Development Review should be completed within 3 months of commencement.

We acknowledge that Murdoch University is situated on the lands of the Whadjuk and Binjareb Noongar people. We pay our respects to their enduring and dynamic culture and the leadership of Noongar elders past and present. The boodjar (country) on which Murdoch University is located has, for thousands of years, been a place of learning. We at Murdoch University are proud to continue this long tradition.